

B43

IMMUNO-ANALYTICAL METHOD FOR AMPHETAMINES AND REAGENTTHEREOF

Patent Number: JP56125666
Publication date: 1981-10-02
Inventor(s): SAITO SUMIYASU; others: 07
Applicant(s): FUJISAWA PHARMACEUT CO LTD
Requested Patent: ☐ JP56125666
Application Number: JP19800029460 19800307
Priority Number(s):
IPC Classification: G01N33/54
EC Classification:
Equivalents:

Abstract

PURPOSE: To discriminately detect the amphetamine and methamphetamine in humor by the antibody obtained by sensitizing the high polymer material bound on the benzene ring of amphetamines with warm-blooded animal.

CONSTITUTION: The composite of a high polymer material, for example, (P)-N= N-(Q) or (P)-(CH₂)_nNH-(Q) bound on the benzene ring through a spaur for providing immunogenic to the amphetamines expressed by the formula (I) and a high polymer material is injected subcutaneously or muscularly into warm-blooded animal, and after a fixed period, the blood of said animal is sampled, whereby the antibody is obtained. The immuno-analytical method of the amphetamines obtained in this way permits straight application of known methods, and has virtually no cross reactivity with the methamphetamine of the amphetamine antibody.

BEST AVAILABLE COPY